

1 6. An article comprising a medium storing
2 instructions that enable a processor-based system to:
3 determine a color gamut that a substantial
4 portion of the sub-pixels of an expressed color of an
5 organic light emitting device display are able to achieve;
6 and
7 adjust the drive current to the sub-pixels to
8 achieve that color gamut.

1 7. The article of claim 6 further storing
2 instructions that enable the processor-based system to
3 determine a color gamut that all of the sub-pixels of an
4 expressed color gamut can achieve and adjust the drive
5 current to achieve that color gamut.

1 8. The article of claim 6 further storing
2 instructions that enable the processor-based system to
3 maintain said gamut substantially constant over the
4 lifetime of said display.

1 9. The article of claim 6 further storing
2 instructions that enable the processor-based system to
3 maintain said gamut substantially constant by mixing a
4 first or second sub-pixel color with an expressed color
5 pixel to adjust the color of the expressed color pixel.

1 10. The article of claim 6 further storing
2 instructions that enable the processor-based system to mix
3 colors of a tri-color space to achieve said color gamut.

1 11. An electrical system for an organic light
2 emitting device display comprising:
3 a drive circuit to drive the pixels of said
4 display;
5 a processor coupled to said drive circuit; and
6 a storage coupled to said processor, said storage
7 storing instructions that enable the processor to determine
8 a color gamut that a substantial portion of the sub-pixel
9 of an expressed color gamut of an organic light emitting
10 device display are able to achieve and adjust the drive
11 current to the sub-pixels to achieve that color gamut.

1 12. The system of claim 11 wherein said storage
2 stores instructions that enable the system to determine a
3 color gamut that all of the sub-pixels of an expressed
4 color gamut can achieve and adjust the drive current to
5 achieve that color gamut.

1 13. The system of claim 11 wherein said storage
2 stores instructions that enable the system to maintain said
3 color triangles substantially constant over the lifetime of
4 the display.

1 18. The display of claim 16 wherein said sub-pixels
2 include a film including small molecules.

1 19. The display of claim 16 wherein said display
2 includes sub-pixels in the form of a stacked layer.

1 20. The display of claim 16 including a substrate
2 wherein said sub-pixels are distributed side-by-side across
3 said substrate.

1 21. The display of claim 16 wherein said controller
2 determines a color gamut that all of the sub-pixels of an
3 expressed color gamut can achieve and adjusts the drive
4 current to achieve that color gamut.